

CLASSIFIED MESSAGE

ROUTING	
1	4
2	5
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DATE 1835Z 17 APR 63
NRO REVIEW COMPLETED

SECRET

TO : DIRECTOR

25X1A

FROM

ACTION: OSA (1-15)

INFO : S/C (16)

TOR 2026Z 17 APR 63

ROUTINE

IN 72862

Jim

*BT-1443P
TO*

*DEA
SD
DDR
CD
RB
CO
CB*

25X1A

CORONA/LANYARD

25X1

ATTN:

REF: WEEKLY TWX REPORT

PROGRAM STATUS REPORT FOR WEEK ENDING 13 APRIL 1963. UNIT SCHEDULE STATUS AS FOLLOWS IN REFERENCE TO PS-9040-6, PS-9040-11, AND PS-9040-15.

UNIT 2 - ON SCHEDULE WITH SUBASSEMBLY STATUS AS FOLLOWS:

LENS RECOATING ASSEMBLY AND TEST ON SCHEDULE

SCAN DRIVE AHEAD ONE WEEK

PLATEN AHEAD ONE WEEK

METERING DRIVE AHEAD ONE WEEK

FILM TRANSPORT AHEAD TWO WEEKS

UNIT 3 - DELIVERED.

UNIT 4 - ON SCHEDULE WITH SUBASSEMBLY STATUS AS FOLLOWS:

OPTICAL BAR ELECTRONICS COMPLETE

LENS ASSEMBLY TEST COMPLETE

SCAN DRIVE COMPLETE

REFLECTOR DRIVE COMPLETE

DOCUMENT NO. 41
NO CHANGE IN CLASS. ☒
☐ DECLASSIFIED
CLASS. CHANGED TO: TS S G
NEXT REVIEW DATE: 20 11
AUTH: NR 70-2
DATE: 17-7-81 REVIEWER:

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OPTICAL BAR INSTALLATION ON SCHEDULE
FILM TRANSPORT ELECTRONICS BEHIND 2 DAYS
METERING DRIVE COMPLETE
FILM TRANSPORT COMPLETE
TRANSPORT INSTALLATION AND TEST BEHIND 3 DAYS
PLATEN ON SCHEDULE
PRELIMINARY CHECKOUT IN DRT COMPLETE
UNIT 5 - DELIVERED.

UNIT 6 - ON SCHEDULE WITH SUBASSEMBLY STATUS AS FOLLOWS:

LENS ASSEMBLY BEHIND 6 WEEKS
OPTICAL BAR INSTALLATION BEHIND 4 WEEKS
CASSETTE COMPLETE
FINAL ASSEMBLY AND TEST BEHIND ONE WEEK

THE LENS FOR THIS UNIT, HAPL-11 HAS BEEN TESTED ON THE MANN BENCH AND NOW HAS BEEN FOUND TO BE SATISFACTORY. THE ASPHERIC ELEMENT STILL REQUIRES COATING WHICH RESULTS IN THE LENS BEING NOW AVAILABLE FOR UNIT INSTALLATION ON 26 APRIL. THIS DELAY, THOUGH HAVING AN EFFECT ON THE DETAILED UNIT ASSEMBLY SCHEDULE, STILL DOES NOT CREATE AN ON-DOCK DELIVERY SLIPPAGE BEYOND 1 JUNE.

UNIT 7 - ON SCHEDULE WITH SUBASSEMBLY STATUS AS FOLLOWS:

SCAN DRIVE ON SCHEDULE
FILM TRANSPORT ELECTRONICS COMPLETE
TRANSPORT INSTALLATION AND TEST COMPLETE
CASSETTE COMPLETE

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FINAL ASSEMBLY AND TEST AHEAD 4 WEEKS

UNIT 8 - ON SCHEDULE WITH SUBASSEMBLY STATUS AS FOLLOWS:

OPTICAL BAR ELECTRONICS AHEAD 3 WEEKS

SCAN DRIVE AHEAD 2 WEEKS

REFLECTOR DRIVE ASSEMBLY COMPLETE

FILM TRANSPORT ELECTRONICS AHEAD 4 WEEKS

METERING DRIVE AHEAD 5 WEEKS

FILM TRANSPORT AHEAD 4 WEEKS AND 3 DAYS

FLATEN AHEAD 6 WEEKS

THE RECONFIGURATION OF THE DRT COMMENCED THURSDAY AND IS SCHEDULED TO BE COMPLETE ON WEDNESDAY, 17 APRIL. UNIT 4 WILL BE USED TO CHECK THE NEW CONFIGURATION AND DETERMINE WHAT PERFORMANCE LEVEL CAN BE ACHIEVED.

MIRROR FABRICATION REMAINS CRITICAL. THE TWO MIRROR BLANKS REPORTED RECEIVED ON SATURDAY, 6 APRIL ARE STILL BEING POLISHED AND FIGURED AND ARE NOW SCHEDULED TO BE FINAL COATED THE END OF NEXT WEEK. THE FABRICATION TIME BEYOND ONE WEEK INDICATES A LOWERING PROBABILITY OF SUCCESS IN OBTAINING A FINISHED MIRROR, BUT IF THESE CAN BE COATED WITHOUT CHANGING FIGURE A COMPLETE MOUNTED MIRROR WILL BE AVAILABLE FOR UNIT USE OF 29 APRIL. A MIRROR BLANK, USED FOR MOUNTING INVESTIGATION HAS BEEN POLISHED AND FIGURED AND IS TO BE COMPLETE ON MONDAY, 15 APRIL. THIS MIRROR WILL BE COATED ON TUESDAY AND IF FIGURE REMAINS STABLE IT WILL BE POTTED AND READY FOR FINAL TEST AND UNIT 4 USE ON 25 APRIL. INITIAL TESTING OF UNIT 4 WILL BE DONE USING THE

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SPARE ALUMINUM MIRROR UNTIL THE NEXT BERYLLIUM MIRROR IS AVAILABLE. AS A RESULT OF MEETINGS WITH THE BERYLLIUM SUPPLIER, AND AN INVESTIGATION OF THE HISTORY OF ALL MIRRORS TO DATE, TWO BLANKS WILL BE RECEIVED BY 26 APRIL WHICH HAVE BEEN GIVEN AN ADDITIONAL SPECIAL HEAT TREATMENT IN EXCESS OF 1600 DEGREES. THIS, IT IS NOW CONSIDERED, WILL PROVIDE A MORE STABLE MATERIAL WHICH IS REQUIRED FOR ITS INTENDED USE. COMPLETED MIRRORS FROM THESE BLANKS ARE SCHEDULED FOR PROJECT UNIT USE BY 15 MAY.

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